

The diagram illustrates the cross-section of a multi-layer printed circuit board (PCB). The layers are labeled as follows from top to bottom:

- Top Overlay**: A thin red layer at the very top.
- Surface Material**: A thin green layer below the top overlay.
- Top Solder**: A thin yellow hatched layer below the surface material.
- CF-004**: A thin white layer below the top solder.
- Prepreg**: A thick light green layer below CF-004.
- Copper**: A thin yellow hatched layer below the prepreg.
- Core**: A thick light green layer below the copper.
- Copper**: Another thin yellow hatched layer below the core.
- Prepreg**: Another thick light green layer below the copper.
- CF-004**: Another thin white layer below the prepreg.
- Bottom Solder**: A thin yellow hatched layer below CF-004.
- Surface Material**: A thin green layer below the bottom solder.
- Bottom Overlay**: A thin red layer at the very bottom.

A vertical white strip runs through the center of the board, representing a through-hole or microvia structure.

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
	Surface Material	0.02mm	Solder Resist	Solder Mask	GTS
	Top Layer	0.04mm		Signal	GTL
		0.14mm	PP-006	Dielectric	
	Copper	0.04mm		Signal	G1
		1.20mm	Core-036	Dielectric	
	Copper	0.04mm		Signal	G2
		0.14mm	PP-006	Dielectric	
	CF-004	0.04mm		Signal	GBL
	Surface Material	0.02mm	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO

Total thickness: 1.65mm